

Report Date.: 04/27/00 03:04 PM
Request.....: MA00-2
Submitter....: E.Chambers/S.Laffoon
Request Type: inh
Activity : T00107

Reported By...: Hughes, Sandra
Date Submitted: 03/30/00
Date Received.: 03/30/00
Date Completed: 04/19/00
Approved By...: Hughes, Sandra

Description.: MASSACHUSETTS COMPLIANCE - TO TEST BRANDS FOR MASSACHUSETTS COMPLIANCE

Test Categories/Tests	MRM8B				MR8			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		39.0				34.5		
MA Tar, mg/cigt.		28.1	1.42	20		31.1	0.82	20
MA TPM, mg/cigt.		39.7	2.59	20		44.1	1.37	20
MA Nicotine, mg/cigt.		2.10	0.125	20		2.28	0.057	20
MA Water, mg/cigt.		9.56	1.277	20		10.74	0.787	20
MA Puffs/Cigt.		12.8	0.50	20		13.0	0.50	20
Tar/Puff, mg		2.2				2.4		
MA CO, mg/cigt.		26.3	0.93	19		26.2	0.94	20
Filter								
Tipping Paper Length, mm		36.0				31.5		
Ventilation, %		17	2.2	60		11	1.3	60
Filler								
Tobacco Weight, g		0.783	0.0010	2		0.852	0.0028	2
(1)Total Alkaloids, mg/cigt.		15.66	0.219	2		16.70	0.085	2
(1)OV After Grinding, %		7.3	0.01	2		7.3	0.01	2

Test Categories/Tests	MR8B				ML8M			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		34.5				39.0		
MA Tar, mg/cigt.		31.2	1.45	20		24.6	1.07	20
MA TPM, mg/cigt.		44.5	2.98	20		33.2	1.79	20
MA Nicotine, mg/cigt.		2.24	0.116	20		1.67	0.066	20
MA Water, mg/cigt.		11.13	1.743	20		6.93	0.788	20
MA Puffs/Cigt.		13.5	0.40	20		12.9	0.38	20
Tar/Puff, mg		2.3				1.9		
MA CO, mg/cigt.		26.7	1.36	20		26.5	0.92	20
Filter								
Tipping Paper Length, mm		31.5				36.0		
Ventilation, %		12	1.9	60		31	2.1	59
Filler								
Tobacco Weight, g		0.825	0.0050	2		0.787	0.0028	2
(1)Total Alkaloids, mg/cigt.		16.29	0.156	2		14.62	0.028	2
(1)OV After Grinding, %		7.3	0.03	2		7.2	0.01	2

Test Categories/Tests	MRM8				MR8MB			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		39.0				34.5		
MA Tar, mg/cigt.		28.9	1.00	20		29.6	1.33	20
MA TPM, mg/cigt.		41.2	1.98	20		43.9	2.39	20
MA Nicotine, mg/cigt.		2.12	0.079	20		1.97	0.129	20
MA Water, mg/cigt.		10.18	1.056	20		12.31	1.372	20
MA Puffs/Cigt.		12.9	0.33	20		11.8	0.37	20
Tar/Puff, mg		2.2				2.5		

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MA CO, mg/cigt.	27.3	1.32	20	28.9	1.36	20
Filter						
Tipping Paper Length, mm	36.0			31.5		
Ventilation, %	17	2.1	60	0	0.2	60
Filler						
Tobacco Weight, g	0.794	0.0028	2	0.802	0.0010	2
(1)Total Alkaloids, mg/cigt.	15.73	0.106	2	14.90	0.085	2
(1)OV After Grinding, %	7.1	0.01	2	7.1	0.00	2

Test Categories/Tests	MRU8MB				ML8MB			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm	39.0				39.0			
MA Tar, mg/cigt.	19.3	0.88	20	23.7	0.85	20		
MA TPM, mg/cigt.	24.9	1.25	20	31.8	1.74	20		
MA Nicotine, mg/cigt.	1.43	0.052	20	1.64	0.096	20		
MA Water, mg/cigt.	4.17	0.516	20	6.50	0.950	20		
MA Puffs/Cigt.	13.3	0.49	20	12.7	0.47	20		
Tar/Puff, mg	1.5			1.9				
MA CO, mg/cigt.	20.8	0.81	20	25.4	0.82	20		
Filter								
Tipping Paper Length, mm	36.0			36.0				
Ventilation, %	49	2.7	60	32	3.8	60		
Filler								
Tobacco Weight, g	0.752	0.0010	2	0.776	0.0035	2		
(1)Total Alkaloids, mg/cigt.	15.00	0.049	2	14.33	0.028	2		
(1)OV After Grinding, %	7.3	0.01	2	7.1	0.01	2		

Test Categories/Tests	MRU8B				ML8			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm	39.0				39.0			
MA Tar, mg/cigt.	17.2	1.00	20	26.4	0.90	18		
MA TPM, mg/cigt.	22.4	1.73	20	36.3	1.70	18		
MA Nicotine, mg/cigt.	1.38	0.065	20	1.88	0.064	18		
MA Water, mg/cigt.	3.84	0.803	20	8.02	0.836	18		
MA Puffs/Cigt.	12.5	0.46	20	13.3	0.41	18		
Tar/Puff, mg	1.4			2.0				
MA CO, mg/cigt.	20.2	1.18	20	27.6	0.93	18		
Filter								
Tipping Paper Length, mm	36.0			36.0				
Ventilation, %	50	2.5	60	29	2.9	60		
Filler								
Tobacco Weight, g	0.746	0.0010	2	0.795	0.0085	2		
(1)Total Alkaloids, mg/cigt.	15.61	0.106	2	15.46	0.163	2		
(1)OV After Grinding, %	7.3	0.02	2	7.2	0.01	2		

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Test Categories/Tests	ML8B			
	Target	Average	StdDev	N
Smoke				
FTC Butt Length, mm		39.0		
MA Tar, mg/cigt.		24.8	0.75	19
MA TPM, mg/cigt.		33.4	1.35	19
MA Nicotine, mg/cigt.		1.78	0.115	19
MA Water, mg/cigt.		6.89	0.722	19
MA Puffs/Cigt.		13.2	0.33	19
Tar/Puff, mg		1.9		
MA CO, mg/cigt.		25.4	1.05	19
Filter				
Tipping Paper Length, mm		36.0		
Ventilation, %		28	4.3	60
Filler				
Tobacco Weight, g		0.795	0.0014	2
(1)Total Alkaloids, mg/cigt.		15.34	0.057	2
(1)OV After Grinding, %		7.2	0.01	2

Notations:

MRM8B	- MARLBORO MEDIUM 100 BOX
MR8	- MARLBORO FULL FLAVOR SP
MR8B	- MARLBORO FULL FLAVOR 100 BOX
ML8M	- MARLBORO LIGHTS 100 MENTHOL SP
MRM8	- MARLBORO MEDIUM 100 SP
MR8MB	- MARLBORO FULL FLAVOR 100 MENTHOL BOX
MRU8MB	- MARLBORO ULTRA LIGHTS 100 MENTHOL BOX
ML8MB	- MARLBORO LIGHTS 100 MENTHOL BOX
MRU8B	- MARLBORO ULTRA LIGHTS 100 BOX
ML8	- MARLBORO LIGHTS 100 SP
ML8B	- MARLBORO LIGHTS 100 BOX

CC:

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